23241CSE24160
Paper Code: A

Course Code:CSE111
Course Title:ORIENTATION TO COMPUTING-I

Time Allowed: 03:00hrs.

Max Marks: 60

Read the following instructions carefully before attempting the question paper.
1. Match the Paper Code shaded on the OMR Sheet with the Paper code mentioned on the question paper and ensure that both are the same.
2. This question paper contains 60 questions of 1 mark each. 0.25 marks will be deducted for each wrong answer.
3. Attempt all the questions in serial order.
4. Do not write or mark anything on the question paper and/or on rough sheet(s) which could be helpful to any student in copying, except your registration number on the designated space.
5. Submit the question paper and the rough sheet(s) along with the OMR sheet to the invigilator before leaving the examination hall.

Q(1) Identify the type of memory required for the execution of programs
(a) RAM   (b) ROM   (c) HDD   (d) Cache

CO1,L1

Q(2) RAM is
(a) Non-Volatile, Temporary
(c) Volatile, Permanent
(b) Volatile, Temporary
(d) Non-Volatile, Permanent

CO1,L1

Q(3) The core computing unit of a computer System consists of _____
(a) Central Processing unit   (b) Power Supply   (c) Motherboard   (d) All of the above

CO1,L1

Q(4) DRAM is made of
(a) Capacitors   (b) D Flip Flop   (c) SSD   (d) Decoders

CO1,L1

Q(5) Which kind of RAM is used for cache memory
(a) DRAM   (b) SRAM   (c) EERAM   (d) None of the above

CO1,L1

Q(6) Which of the following is true about NFC

I short-range low frequency wireless communication technology
II provides a higher degree of security than Bluetooth
III Passive NFC can only send data

(a) I and II   (b) I and III   (c) II and III   (d) I, II and III

CO1,L1

Q(7) Mirroring for Fault Tolerance is used in
(a) RAID 0   (b) RAID 1   (c) RAID 3   (d) RAID 5

CO1,L1

Q(8) Machine Language is a _____ language
(a) High-Level Language
(c) Medium Level Language
(b) Low-Level Language
(d) Assembly Level Laanguage

CO1,L1

Q(9) Which of the following is not a backup storage
(a) CD   (b) DVD   (c) PenDrive   (d) RAM

CO1,L1

Q(10) Identify the correct flow of steps in program development
(a) Load- Compile - Link - Execute
(c) Compile - Link - Load – Execute
(b) Load- Compile - Execute - Link
(d) Link - Compile - Load - Execute

CO1,L1

Q(11) The full form of BIOS is
(a) Binary Input Output System
(c) Basic Input off System
(b) Basic Input/output System
(d) None of the above

CO2,L2

Q(12) System Configuration files are present in the _____ directory in Linux.
(a) "/bin"   (b) "/usr"   (c) "/etc"   (d) None of the mentioned

CO1,L2

Q(13) Which file system was primarily designed for flash drives?
(a) HFS   (b) FAT   (c) NDFS   (d) Extended file system

CO3,L2

Registration No.: _____

Q(14) Which of the following is TRUE about cat command?
(a) It outputs the contents of text file
(b) It can concatenate files together
(c) To append one file to the end of other file
(d) All of the mentioned

CO3,L

Q(15) Which command is used to find and replace text in files in a Unix/Linux shell?
(a) grep
(b) sed
(c) awk
(d) diff

CO1,L

Q(16) Which of the following is true about distributed systems
(a) It is a collection of computers or processors that share their processors
(b) It is a collection of computers or processors that sometimes share their memory and clock depending upon task
(c) It is a collection of computers or processors that always share their memory and clock.
(d) It is a collection of computers or processors that never share their memory and clock.

CO1,L2

Q(17) Which of the following is true about Main Memory Management?

I Main memory offers fast storage that can be accessed directly by the CPU.

II It is costly and hence has a lower storage capacity.

III For a program to be executed, it must be in the main memory.
(a) I and II
(b) II and III
(c) I and III
(d) I, II and III

CO1,L2

Q(18) Which of the following is not function of secondary storage management
(a) Storage Allocation
(b) Free Space Management
(c) Disk Scheduling
(d) Disk Synchronization

CO1,L2

Q(19) Which type of management is responsible for providing drivers for particular hardware devices
(a) Disk
(b) Memory
(c) IO
(d) Process

CO1,L2

Q(20) What does the acronym "NTFS" stand for in Windows file systems?
(a) New Technology File System
(b) Network Transfer File System
(c) Non-Text File System
(d) Native Transfer File System

CO3,L2

Q(21) _____ defines a first-in, first-out pipe file or a physical device.
(a) Regular File
(b) Device File
(c) Directory File
(d) Index File

CO1,L2

Q(22) By using the specific system call, we can _____
(a) open the file
(b) read the file
(c) write into the file
(d) all of the mentioned

CO1,L2

Q(23) This type of File system is used in distributed systems?
(a) HFS
(b) EXT
(c) GFS
(d) FAT

CO1,L2

Q(24) _____ searches each instances of words with upper, lower case and mixed cases.
(a) $ grep –I
(b) $ grep –i
(c) $ grep –j
(d) $ grep –a

CO1,L2

Q(25) _____ signal asks the process to terminate voluntarily
(a) SIGKILL
(b) SIGSTOP
(c) SIGTERMINATE
(d) SIGTERM

CO1,L2

Q(26) _____ is an environment variable containing an ordered list of paths.
(a) IDE Variables
(b) Function
(c) Dynamic Variables
(d) Path Variables

CO1,L2

Q(27) This command is a built-in manual for using Linux commands.
(a) Help
(b) Manual
(c) Man
(d) BIM

CO1,L2

Q(28) The _____ command's primary function is to modify a timestamp.
(a) Time
(b) TS
(c) MDS
(d) Touch

CO1,L2

Q(29) _____ command writes to standard output the full path name of your current directory (from the root directory).
(a) PSW
(b) PWD
(c) PWS
(d) PDS

CO1,L2

Q(30) This type of kernel implements an operating system by providing methods, including low-level address space management, IPC, and thread management.
(a) Monolithic
(b) Mini
(c) Saturated
(d) Micro

CO1,L

Registration No.:_____

Q(31) In which of the following, a person is constantly followed/chased by another person or group of several peoples?
(a) Phishing   (b) Bulling   (c) Stalking   (d) Identity theft

CO1,L5

Q(32) Which of the following usually observe each activity on the internet of the victim, gather all information in the background, and send it to someone else?
(a) Malware   (b) Spyware   (c) Adware   (d) All of the above

CO1,L5

Q(33) Which of the following is the most important language for Data Science?
(a) Java   (b) Ruby   (c) R   (d) None of the mentioned

CO1,L5

Q(34) Which of the following is one of the key data science skills?
(a) Statistics   (b) Machine Learning
(c) Data Visualization   (d) All of the mentioned

CO1,L5

Q(35) What is Machine learning?
(a) The autonomous acquisition of knowledge through the use of computer programs
(b) The autonomous acquisition of knowledge through the use of manual programs
(c) The selective acquisition of knowledge through the use of computer programs
(d) The selective acquisition of knowledge through the use of manual programs

Q(36) The purpose of the Front-end framework in Full stack development is____
(a) To provide the client-side interface   (b) To manage database
(c) To reduce the server load   (d) To send http requests

CO1,L5

Q(37) In which environment we can performed the Alpha testing?
(a) User's end   (b) Developer's end
(c) User's and developer's end   (d) None of the above

CO1,L5

Q(38) Which of the following are examples of UI?
(a) Key (for opening door)   (b) TV Remote   (c) Button (in an app)   (d) All of the above

CO4,L5

Q(39) What is the full form of IoT?
(a) Internet of Technology   (b) Incorporate of Things
(c) Internet of Things   (d) Incorporate of Technology

CO4,L5

Q(40) Directing the output into a file instead of the terminal
(a) Pipes   (b) Redirection
(c) Signals   (d) Inter-process communication

CO4,L5

Q(41) MOOC refers to
(a) Mass Open Online Course   (b) Massive Open Online Course
(c) Massive Online Open Course   (d) Mass Online Open Course

CO3,L1

Q(42) Figma is

I browser-based
II Installed on local machine

(a) Only I   (b) Only II   (c) Both I and II   (d) Neither I nor II

CO5,L2

Q(43) What is G in FAANG
(a) Gmail   (b) Google   (c) GitHub   (d) Git

CO6,L2

Q(44) FAANG is an acronym referring to the stocks of the five most popular and best-performing
(a) American technology companies   (b) Europian technology companies
(c) Korean technology companies   (d) Indian technology companies

CO5,L2

Q(45) Which of the following is not competitive coding platforms
(a) Hackerrank   (b) CodeChef   (c) LeetCode   (d) StackOverflow

CO5,L2

Q(46) Which of the following is MOOC platform
(a) Cognitive Class   (b) Hackerrank   (c) Hackerearth   (d) CodeChef

CO5,L2

Registration No.:_____

Q(47) Command to add the work to staging area
(a) $ git {filename} append
(b) $ git append {filename}
(c) $ git add {filename}
(d) $ git {filename} add

CO6,L3

Q(48) What is the primary purpose of understanding career Pathways?
(a) To make quick decisions about one's career
(b) To create a rigid career plan
(c) To navigate and plan a successful career journey
(d) To eliminate the need for career changes

CO5,L2

Q(49) Which of the following best defines a career Pathway?
(a) A specific job title
(b) A set of choices and opportunities for career development
(c) A linear career progression
(d) A short-term career plan

CO5,L2

Q(50) "Higher Studies" as a career Pathway typically leads to:
(a) Immediate entry into the workforce.
(b) Pursuing advanced education beyond a bachelor's degree.
(c) Entrepreneurship opportunities.
(d) Government jobs.

CO5,L2

Q(51) Git checkout command is used for
(a) to create new branch
(b) to switch between branches
(c) to delete the repository
(d) Both (A) and (B)

CO6,L3

Q(52) What is the function of 'GIT PUSH' in GIT?
(a) 'GIT PUSH' remote refs along with associated objects.
(b) 'GIT PUSH' updates remote refs.
(c) 'GIT PUSH' updates remote refs along with associated objects.
(d) None of the above

CO6,L3

Q(53) Which of the following is true about GIT
(a) Git is installed and maintained on your local system
(b) Git is maintained in cloud
(c) Git cannot control versions
(d) All of the above

CO6,L3

Q(54) Which command defines the author email to be used for all commits by the current user.
(a) git config --global user.email
(b) git email--amend
(c) git clean --f
(d) git log --author=""

CO6,L3

Q(55) After creating a GitHub account, how do you set your username and email globally for Git?
(a) Through the GitHub account settings
(b) Using the "git config" command
(c) By contacting GitHub support
(d) It's automatically set to your GitHub username and email

CO6,L3

Q(56) Goal of version control system is
(a) speed
(b) data integrity
(c) support for distributed
(d) All of the above

CO6,L3

Q(57) Which of the following is command line tool?
(a) only Git
(b) only GitHub
(c) Both Git and GitHub
(d) Neither Git nor GitHub

CO6,L3

Q(58) Comments can be added while inserting commits in Git
(a) $ git "your comment" commit --m
(b) $ git commit -m "your comment"
(c) $ git commit "your comment" --m
(d) Comments cannot be added

CO6,L3

Q(59) Git command to remove the file is
(a) $ git remove {filename}
(b) $ git {filename} remove
(c) $ git {filename} rm
(d) $ git rm {filename}

CO6,L3

Q(60) Git command to check for changes in file
(a) $ git diff
(b) $ git difference
(c) $ git version
(d) $ git differ

CO6,L3

--End of Question paper--